We claim:

1. An actuator, in particular for a fuel injection valve, comprising:
- a top plate having at least one duct opening in particular for a respective electric contact pin, onto which a contact stud carrier with a contact stud can be located, wherein the duct opening is protected on its open side against the ingress of plastic during extrusion coating,
- a sealing washer attached to the open side of the duct opening, wherein the sealing washer is embodied to cover the top side of the top plate in an overlapping manner at least in the area of the duct opening, thereby hermetically sealing the duct opening.

2. The actuator according to claim 1, wherein the sealing washer is embodied in the area of the duct opening with a thickening protruding at least partially into the duct opening.

3. The actuator according to claim 1, wherein the sealing washer can be fixed into position on the top side of the top plate and can preferably be secured there by means of an adhesive.

4. The actuator according to claim 1, wherein a sprung element is provided which presses the sealing washer against the open side of the duct opening.

5. The actuator according to claim 1, wherein an actuator length can be specified between the contact stud of the contact stud carrier and a reference edge of the actuator independently of the thickness of the sealing washer.

6. The actuator according to claim 1, wherein the sealing washer comprises an insulating plastic material.

7. The actuator according to claim 1, wherein the sealing washer is embodied at least partially from metal.

8. The actuator according to claim 1, wherein the actuator has a piezoelectric element.

9. Fuel injector for use in an internal combustion engine comprising an actuator comprising:

- a top plate having at least one duct opening in particular for a respective electric contact pin, onto which a contact stud carrier with a contact stud can be located, wherein the duct opening is protected on its open side against the ingress of plastic during extrusion coating,

- a sealing washer attached to the open side of the duct opening, wherein the sealing washer is embodied to cover the top side of the top plate in an overlapping manner at least in the area of the duct opening, thereby hermetically sealing the duct opening.

10. The fuel injector according to claim 9, wherein the sealing washer is embodied in the area of the duct opening with a thickening protruding at least partially into the duct opening.

11. The fuel injector according to claim 9, wherein the sealing washer can be fixed into position on the top side of the top plate and can preferably be secured there by means of an adhesive.

12. The fuel injector according to claim 9, wherein a sprung element is provided which presses the sealing washer against the open side of the duct opening.

13. The fuel injector according to claim 9, wherein an actuator length can be specified between the contact stud of the contact stud carrier and a reference edge of the actuator independently of the thickness of the sealing washer.

14. The fuel injector according to claim 9, wherein the sealing washer comprises an insulating plastic material.

15. The fuel injector according to claim 9, wherein the sealing washer is embodied at least partially from metal..

16. A method of manufacturing an actuator for a fuel injector in an internal combustion engine comprising the steps of:

- providing the actuator having a top plate and at least one duct opening for a respective electric contact pin,
- attaching a sealing washer to the open side of the duct opening, wherein the sealing washer is embodied to cover the top side of the top plate in an overlapping manner at least in the area of the duct opening, thereby hermetically sealing the duct opening,
- placing a contact stud carrier with a contact stud onto a top plate of the actuator, thereby protecting the duct opening on its open side against the ingress of plastic during extrusion coating.

17. The method according to claim 16, further comprising the step of fixing the sealing washer into position on the top side of the top plate and preferably securing the sealing washer there by means of an adhesive.

18. The method according to claim 16, further comprising the step of providing a sprung element which presses the sealing washer against the open side of the duct opening.

19. The method according to claim 16, further comprising the step of specifying an actuator length between the contact stud of the contact stud carrier and a reference edge of the actuator independently of the thickness of the sealing washer.

20. The method according to claim 16, further comprising the step of extrusion coating the actuator.